



Fig. 9

DELIVERY DATA MANAGEMENT TABLE

901	902	903	904	
S	S	S	S	
DATA RANGE	DATA QUALITY	DELIVERY DESTINATION	DELIVERY METHOD	
ORDER(ORDER_ID, PRICE, CUSTOMER_ID), PRICE>=10000	-	DATA COLLECTOR (1)	13:00, PUSH	~905
ORDER(ORDER_ID, PRICE, CUSTOMER_ID), PRICE>=10000	-	DATA COLLECTOR (3)	{1:00, 13:00}, PUSH	~906
ORDER(ORDER_ID, PRICE, CUSTOMER_ID), PRICE>=50000	TOP-N(ORDER, PRICE, 10)	DATA COLLECTOR (7)	ONCE PER 1 HOUR , PULL	
...	

INSERT DATA

(ORDER_ID, PRICE, CUSTOMER_ID) = (10005, 12500, 256) ~907

Fig. 10(a)

DELIVERY CREATION REQUEST

DATA RANGE	DATA QUALITY	DELIVERY METHOD	
ORDER(ORDER_ID, PRICE, CUSTOMER_ID) PRICE>=10000	-	13:00, PUSH	~1001
ORDER(ORDER_ID, PRICE, CUSTOMER_ID), 5000<=PRICE<=8000	FRESH(ORDER, 1 HOUR)	{1:00, 13:00}, PUSH	
SALESDetail(ORDER_ID, SHIPDATE, ORDER_AMOUNT), SHIPDATE>=1990/01/01	-	ONCE PER 1 HOUR, PULL	~1002
...	

SERVER REPLY

FIG. 10(B)

SERVER REPLY	DATA RANGE	DATA QUALITY	DELIVERY METHOD	
ACCEPT	-	-	13:00, PUSH	~1003
ACCEPT	-	-	{1:00, 13:00}, PUSH	
CONDITIONALLY ACCEPT	SALESDetail(ORDER_ID, SHIPDATE, ORDER_AMOUNT), SHIPDATE>=1994/01/01	-	ONCE PER 2 HOURS , PULL	~1004
...	